

CLAIMS

What is claimed is:

1. A valve comprising, in combination:

a valve cup having a fill hole; and

a screw valve comprising:

a safety valve, wherein the safety valve is removably inserted into

the fill hole to function as a stopper for the fill valve; and

a screw cap.

2. The valve of claim 1, wherein the safety valve and screw cap are integrally connected.

3. The valve of claim 1, wherein the safety valve comprises:

a stopper portion having a check valve; and

a safety cap that is removably insertable into the stopper portion.

4. The valve of claim 3, wherein the safety valve further comprises a seal portion.

5. The valve of claim 2, wherein the safety valve comprises:

a stopper portion having a check valve; and

a safety cap that is removably insertable into the stopper portion.

6. The valve of claim 5, wherein the safety valve further comprises a seal portion.

7. The valve of claim 1, wherein the cap has exterior grooves.
8. The valve of claim 3, wherein the safety cap is attached to the stopper portion by a flexible stem.
9. The valve of claim 3, the safety valve further comprising a safety valve tab.
10. A valve comprising, in combination:
 - a valve cup, the valve cup having a valve chassis surrounding a fill valve hole;
 - a stopper, the stopper being removably inserted into the valve hole and comprising a safety valve; and
 - a cap, the cap being removably screwable onto the valve chassis to secure the stopper in the valve hole and having a hole through which the safety valve may be accessed.
11. The valve of claim 10, wherein the cap is integrally connected to the stopper.
12. The valve of claim 10, wherein the stopper portion has a check valve and the safety valve has a safety cap that is removably insertable into the stopper portion.
13. The valve of claim 10, wherein the stopper further comprises a seal portion.
14. The valve of claim 12, wherein the safety cap is attached to the stopper portion by a flexible stem.

15. A valve comprising, in combination:
 - a safety valve, the safety valve incorporating a stopper portion;
 - a valve cup, the valve cup adapted for receiving the stopper portion of the safety valve into a fill valve hole; and
 - a cap, the cap adapted for securing the safety valve into the fill valve hole.
16. The valve of claim 15, wherein the cap is integrally connected to the safety valve.
17. The valve of claim 15, wherein the safety valve further comprises:
 - a check valve; and
 - a safety cap that is removably insertable into the stopper portion.
18. The valve of claim 15, wherein the safety valve further comprises a seal portion.
19. The valve of claim 17, wherein the safety cap is attached to the stopper portion by a flexible stem.
20. The valve of claim 16, wherein the safety valve further comprises:
 - a check valve; and
 - a safety cap that is removably insertable into the stopper portion.